



RICHARD E. JENKINS  
JEFFREY L. WILSON  
ARLES A. TAYLOR, JR.  
DAVID P. GLOEKLER  
GREGORY A. HUNT  
JOHN A. LAMERDIN, Ph.D.  
BENTLEY J. OLIVE  
E. ERIC MILLS  
CHRISTOPHER P. PERKINS, Ph.D.\*  
\*LICENSED ONLY IN CALIFORNIA

JENKINS & WILSON, P.A.

PATENT ATTORNEYS  
SUITE 1400 UNIVERSITY TOWER  
3100 TOWER BOULEVARD  
DURHAM, NORTH CAROLINA 27707

TELEPHONE (919) 493-8000  
FACSIMILE (919) 419-0383

WEBSITE  
JENKINSANDWILSON.COM

RALEIGH OFFICE

NCSU CENTENNIAL CAMPUS  
VENTURE II SUITE 400  
920 MAIN CAMPUS DRIVE  
RALEIGH, NORTH CAROLINA 27606

TELEPHONE (919) 424-3710  
FACSIMILE (919) 424-3711

March 14, 2003

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*Patty Wilson*

Patty Wilson

Date of Signature: March 14, 2003

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/998,058 for  
METHODS FOR ULTRA-HIGH RESOLUTION MAPPING OF  
GENES AND DETERMINATION OF GENETIC NETWORKS  
AMONG GENES UNDERLYING PHENOTYPIC TRAITS  
Our Ref. No. 421/34/2

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

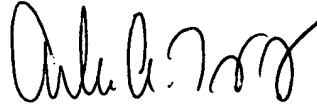
1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (in duplicate) (2 pages);
3. Copies of cited reference(s) (15 references); and
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

Commissioner for Patents  
March 14, 2003  
Page 2

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.



Arles A. Taylor, Jr.  
Registration No. 39,395

AAT/ptw

Enclosures

Customer No. Bar Code:



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Threadgill et al.

Group Art Unit: 1634

Serial No.: 09/998,058

Examiner: Sakelaris, Sally

Filed: November 30, 2001

Attorney Docket No.: 421/34/2

Confirmation No.: 6701

For: METHODS FOR ULTRA-HIGH RESOLUTION MAPPING OF GENES  
AND DETERMINATION OF GENETIC NETWORKS AMONG GENES  
UNDERLYING PHENOTYPIC TRAITS

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. Sections 1.56, 1.97, and 1.98, the references listed below and on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a Final Action or the Notice of Allowance. Accordingly:

[X] No \$180 fee under 37 C.F.R. Section 1.17(p) is due as the undersigned hereby certifies:

[X] that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or

[ ] that to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in this

☐ The undersigned is unable to so certify, because submission of the present Information Disclosure Statement is after receipt by applicant of an Official Action on the merits, and thus a check in the amount of \$180.00 is enclosed to cover the fee under 37 C.F.R. Section 1.17(p).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

The Commissioner is hereby authorized to charge any deficiency or credit any overpayment associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date:

March 14, 2003

By:

Arles A. Taylor, Jr.

Arles A. Taylor, Jr.  
Registration No. 39,395

Suite 1400, University Tower  
3100 Tower Boulevard  
Durham, North Carolina 27707  
Telephone: (919) 493-8000  
Facsimile: (919) 419-0383

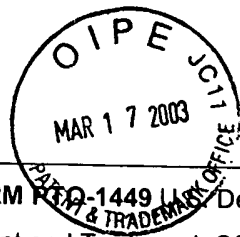
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Enclosures



FORM PTO-1449 U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 421/34/2

Serial No.  
09/998,058

List of Documents Cited by Applicant

Applicant(s): Threadgill et al.

Filing Date: November 30, 2001

Group 1645

## U.S. PATENT DOCUMENTS

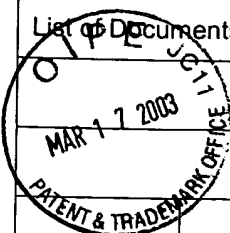
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes   No
	1.	WO90/04651	5/3/1990	PCT	Whitehead Institute for Biomedical Res.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	2.	De Toledo et al., <i>Predicting the Properties of Second Cycle Hybrids Produced by Intercrossing Random Samples of Recombinant Inbred Lines</i> , <u>Heredity</u> <b>53</b> :283-292 (1984).
	3.	Chrichton et al., <i>Genetic basis of susceptibility to splenic lipofuscinosis in mice</i> , <u>Genet. Res. Camb.</u> <b>39</b> :275-285 (1982).
	4.	Fouad Janat et al., <i>The adrenal X-zone of mice: Genetic analysis of its development with recombinant-inbred strains</i> , <u>Exp. Biol</u> <b>46</b> :217-221 (1987).
	5.	Plomin et al., <i>DNA Markers Associated with High Versus Low IQ: The IQ Quantitative Trait Loci (QLT) Project</i> , <u>Behaviour Genetics</u> <b>24(2)</b> :107-118 (1994).

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 421/34/2	Serial No. 09/998,058
List of Documents Cited by Applicant		Applicant(s): Threadgill et al.	
		Filing Date: November 30, 2001	Group 1645
6.	Monforte et al., <i>Development of a set of near isogenic and backcross recombinant inbred lines containing most of the Lycopersicon hirsutum genome in a L. esculentum genetic background: A tool for gene mapping and gene discovery</i> , <u>Genome</u> <b>43</b> :803-813 (2000).		
7.	Van Der Schaar et al., <i>QTL analysis of seed dormancy in Arabidopsis using recombinant inbred lines and MQM mapping</i> , <u>Heredity</u> <b>79</b> :190-200 (1997).		
8.	Matesic et al., <i>Mapping Lipopolysaccharide Response Loci in Mice Using Recombinant Inbred and Congenic Strains</i> , <u>Genomics</u> <b>62</b> :34-41 (1999).		
9.	Mountz et al., <i>Genetic Dissection of Age-Related Changes of Immune Function in Mice</i> , <u>Scand. J. Immunol.</u> <b>54</b> :10-20 (2001).		
10.	Bailey, <i>Recombinant-Inbred Strains An Aid to Finding identity, Linkage, and Function of Histocompatibility and Other Genes</i> , <u>Transplantation</u> <b>11</b> (3):325-327 (March 1971).		
11.	Asins et al., <i>Genotype X environment interaction in QTL analysis of an intervarietal almond cross by means of genetic markers</i> , <u>Theor Appl Genet</u> <b>89</b> :358-364 (1994).		
12.	Demarest et al., <i>Identification of an Acute Ethanol Response Quantitative Trait Locus on Mouse Chromosome 2</i> , <u>J. of Neuroscience</u> <b>19</b> (2):549-561 (January 15, 1999).		
13.	Simpson et al., <i>Identification of a Genetic Region in Mice that Specifies Sensitivity to Propofol</i> , <u>Anesthesiology</u> <b>88</b> (2):379-389 (February 1998).		
14.	Eshed et al., <i>Less-Than-Additive Epistatic Interactions of Quantitative Trait Loci in Tomato</i> , <u>Genetics</u> <b>143</b> :1807-1817 (August 1996).		
15.	International Search Report for PCT/US 01/44929.		

EXAMINER \_\_\_\_\_

DATE CONSIDERED \_\_\_\_\_

\*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.